

ST-REL3-KG120/21/AU/SO46

Order No.: 2829797

The illustration shows version ST-REL 3-KG 24/21/SO 46



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2829797>

Pluggable relay interfaces against interference on the control side,
with soldered-in miniature switching relays, contacts (Au): small loads,
1 PDT, input voltage 120 V AC

Commercial data

GTIN (EAN)	 4 017918 078560
Note	Made-to-order
sales group	G010
Pack	10 pcs.
Customs tariff	85364900
Catalog page information	Page 144 (IF-2011)

Product notes

WEEE/RoHS-compliant since:
09/05/2006



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Technical data

Coil side

Nominal input voltage U_N	120 V AC
Input voltage range in reference to U_N	0.85 ... 1.1
Nominal input current at U_{IN}	19 mA
Typical response time	8 ms

Typical release time	11 ms
Operating voltage display	Yellow LED
Protective circuit	Bridge rectifier Bridge rectifier
	Surge protection Varistor
	RC element RC element

Contact side

Contact type	Double contact, 1 PDT
Contact material	AgPd60 5 µm hard gold-plated
Maximum switching voltage	30 V AC
Maximum inrush current	0.2 A
Limiting continuous current	0.5 A
Interrupting rating (ohmic load) max.	5 W

General data

Width	20.8 mm
Height	42.5 mm
Depth	112 mm
Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Mechanical service life	Approx. 2×10^7 cycles
Standards/regulations	IEC 60664
	EN 50178
	IEC 62103
Rated surge voltage / insulation	Basic insulation
Pollution degree	2
Surge voltage category	III
Mounting position	Any

Certificates / Approvals



Certification

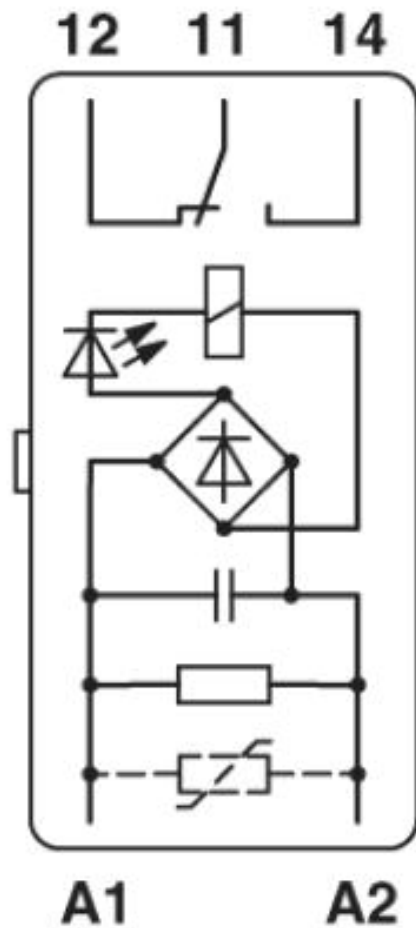
GOST

Additional products

Item	Designation	Description
General		
2777043	UDK-RELG 3	Basic termination blocks with test connection on both sides and double connections with the same potential for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.
2820136	URELG 3	Basic termination blocks with screw connection for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.
2820709	URELG 3-PMTK	Basic termination blocks with test connection on both sides and knife disconnection for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.
2829917	ZFK-RELG 3	Basic termination blocks with spring-cage connection for NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.

Diagrams/Drawings

Circuit diagram



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